

INTERNATIONAL SEARCH REPORT

International application No.
PCT/SE 03/01134

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: G05B 19/418, G05B 17/02, G05B 11/32
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: G05B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0537041 A1 (SOLLAC), 14 April 1993 (14.04.93), whole document	1,2,4,5, 11-14,16,17
Y	---	3,6-10,15
X	WO 0129630 A1 (CATERPILLAR INC.), 26 April 2001 (26.04.01), whole document	1,2,4,5, 11-14,16,17
Y	---	3,6-10,15
Y	WO 9919780 A1 (ASEA BROWN BOVERI AB), 22 April 1999 (22.04.99), whole document	6-10
A	---	1-5,11-17

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

14 August 2003

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28-08-2003

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PCT/SE 03/01134

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5751582 A (SAXENA,S.ET AL), 12 May 1998 (12.05.98), column 18, line 10 - line 17, figure 4, abstract	3,15
A	--	1-2,4-14,16, 17
A	US 5408405 A (MOZUMDER,P.K. ET AL), 18 April 1995 (18.04.95), abstract	1-17
A	PATENT ABSTRACTS OF JAPAN Vol.2002,No.09, 04 September 2002 (2002-09-04) abstract & JP 2002157003 A (FUJI ELECTRONIC CO LTD.) 31 Maj 2002(2002-05-31) -----	1-17

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EP	0537041	A1	14/04/93	AT	132639 T	15/01/96
				DE	69207325 D,T	22/08/96
				FR	2682208 A,B	09/04/93
				JP	5273002 A	22/10/93

WO	0129630	A1	26/04/01	CA	2387527 A	26/04/01
				EP	1222501 A	17/07/02

WO	9919780	A1	22/04/99	AU	9563598 A	03/05/99
				EP	1023648 A	02/08/00
				SE	9703758 D	00/00/00

US	5751582	A	12/05/98	JP	9129530 A	16/05/97

US	5408405	A	18/04/95	NONE		

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